

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9116	436/180,174.ccls. 422/61,99,100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:19
L2	1893	1 and tip and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:20
L3	554	2 and (pore porous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:20
L4	885	1 and (tip same pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:20
L5	217	4 and (pore porous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:35
L6	4	("5567309").URPN.	USPAT	OR	ON	2008/01/04 14:40
S1	12041	overpressure	USPAT	OR	ON	2007/08/14 17:29
S2	2039	422/100.ccls.	USPAT	OR	ON	2005/12/09 11:55
S3	1	"6927068".pn.	USPAT	OR	ON	2006/01/27 18:48
S4	5	("4572834"   "5103836"   "5830410"   "5922614"   "6248598").PN. OR ("6927068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 18:50
S5	1	"6102872".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 18:50
S6	18	("3964871"   "4248829"   "4750496"   "4817632"   "5056521"   "5103836"   "5179288"   "5334502"   "5335673"   "5714341"   "5753452"   "5830410"   "5856195"   "5871695").PN. OR ("6102872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 18:51

## EAST Search History

S7	1	(S3 or S5) and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 18:52
S8	0	"6102872".pn. and overpressure	USPAT	OR	ON	2006/01/29 15:37
S9	6	422/50,100,102.ccls. and overpressure and vacuum	USPAT	OR	ON	2006/01/29 15:37
S10	8	("3583627"   "4872988"   "4948564"   "5888831"   "6103195"   "6156199"   "6221655"   "6225130").PN. OR ("6375855").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/29 15:46
S11	504	vacuum and overpressure and porous	USPAT	OR	ON	2006/01/29 15:46
S12	208	S11 and sample	USPAT	OR	ON	2006/01/29 15:47
S13	425	S11 and (liquid or fluid)	USPAT	OR	ON	2006/01/29 15:47
S14	1092	vacuum same overpressure	USPAT	OR	ON	2006/01/29 15:47
S15	748	S14 and (liquid or fluid)	USPAT	OR	ON	2006/01/29 15:47
S16	100	S14 same por\$3	USPAT	OR	ON	2006/01/29 16:37
S17	1	"6416715".pn.	USPAT	OR	ON	2006/01/29 16:37
S18	8	("4418702"   "4709705"   "4852620"   "5268148"   "5376337"   "5393496"   "5494646"   "5910122").PN. OR ("6416715").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/29 16:37
S19	18	wuske-thomas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 17:25
S20	2	wuske-thomas.in. and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 18:20
S21	3	bauch-torben.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 17:27
S22	13	polzius-rainer.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 17:28

## EAST Search History

S23	8	mahn-jessica.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 17:29
S24	2	"6129894".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/29 18:21
S25	9	("3519364"   "3934586"   "4874385"   "5460611"   "5550061"   "5823954"   "5833669").PN. OR ("6129894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/29 18:21
S26	1	("6129894").URPN.	USPAT	OR	ON	2006/01/29 19:04
S27	395	(sample near5 tip) and (pressure or vacuum) and pore	USPAT	OR	ON	2006/01/29 19:07
S28	81	((sample near5 tip) same (pore or porous)) and (pressure or vacuum)	USPAT	OR	ON	2006/01/30 10:07
S29	47	((sample near5 tip) same (pore or porous)) and (pressure or vacuum) and filter	USPAT	OR	ON	2006/01/30 10:45
S30	1	"4978504".pn.	USPAT	OR	ON	2006/01/31 12:44
S33	1	S30 and (pressure or sample or tip or por\$3 or filter)	USPAT	OR	ON	2006/01/30 15:09
S34	0	"4978504".pn. and vacuum	USPAT	OR	ON	2006/01/30 15:09
S35	1	"4978504".pn. and (pressure or overpressure)	USPAT	OR	ON	2006/01/30 17:21
S36	30887	(pneumatic or gas or overpressure or vacuum) same tip	USPAT	OR	ON	2006/01/30 17:22
S37	2053	S36 same sample	USPAT	OR	ON	2006/01/30 17:22
S38	1120	(pneumatic or air or gas or overpressure or vacuum) same tip same sample same (liquid or fluid)	USPAT	OR	ON	2006/01/30 17:23
S39	39	S38 same (pore or porous)	USPAT	OR	ON	2006/01/30 19:21
S40	39927	pore adj size	USPAT	OR	ON	2006/01/30 19:21
S41	11102	porous adj (glass or plastic or metal)	USPAT	OR	ON	2006/01/30 19:22
S42	950	S40 same S41	USPAT	OR	ON	2006/01/30 19:22
S43	456	S40 with S41	USPAT	OR	ON	2006/01/30 19:22
S44	0	"4635488".pn. and pipette	USPAT	OR	ON	2006/01/31 12:45
S45	0	"4635488".pn. and micropipette	USPAT	OR	ON	2006/01/31 13:29
S46	785	positive\$1locking	USPAT	OR	ON	2006/01/31 13:29
S47	570099	filter	USPAT	OR	ON	2006/01/31 13:29

## EAST Search History

S48	6	S46 same S47	USPAT	OR	ON	2006/01/31 13:29
S49	2	"3985032".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 15:21
S50	2	"4635488".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 20:59
S51	769	eyedropper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 20:59
S52	40	eyedropper.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:05
S53	223	droplet adj dispenser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:06
S54	42	droplet adj dispenser.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:21
S55	1671	sample adj collector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:46
S56	9	S55 same reagent same tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:52
S57	436	filter same reagent same tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:53

## EAST Search History

S58	348	S57 and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:53
S59	227	S57 same sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 22:08
S60	187	frangible with reagent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:57
S61	40	S60 same tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 21:57
S62	761897	S59 and pressure or push	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 22:09
S63	135	S59 and (pressure or push)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 22:09
S64	29	S59 same (pressure or push)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/16 22:09
S65	882	(marker highlighter pen) with pressure with (fluid ink)	USPAT	OR	ON	2006/07/18 21:08
S66	165	S65 and porous	USPAT	OR	ON	2006/07/18 21:08
S67	2	"4770853".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 16:28
S68	2	S67 and (pressure push press break)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 17:52

## EAST Search History

S69	126354	indicator and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 21:30
S70	11939	436/180.ccls. 422/63,99-102,119. ccls. 73/863.41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:49
S71	126354	indicator and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:49
S72	11939	436/180.ccls. 422/63,99-102,119. ccls. 73/863.41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:49
S73	1092	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:50
S74	78	S72 and (indicator with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:50
S75	68	S74 and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 22:50
S76	11948	436/180.ccls. 422/63,99-102,119. ccls. 73/863.41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 14:29
S77	78	S76 and (indicator with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 14:51
S78	4	(3985032 4635488).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 15:59

## EAST Search History

S80	6	"630958".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 16:03
S83	0	"630958".ap. and (reagent adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 16:04
S84	0	"630958".ap. and (reagent with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 16:04
S85	2	"630958".ap. and (reagent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 17:14
S86	12054	73/864.11,864.13,864.86,864.22. ccls. or 422/99-102,119,63.ccls. or 436/180.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/04 13:15
S87	461	S86 and (plunger piston) and reagent and (puncture pierce break penetrate perforate breach)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 18:31
S88	433	S87 and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 17:29
S89	230	S88 and indicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 17:29
S90	369	S88 and indicat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 17:59
S91	2	"6488894".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:01

## EAST Search History

S92	23	("3036894"   "3600953"   "3666420"   "3713779"   "3743103"   "4916078"   "4943522"   "4999164"   "5073484"   "5154888"   "5156811"   "5268147"   "5288463"   "5290518"   "5387526"   "5399497"   "5496523"   "5955032"   "6221655"   "6284549").PN. OR ("6488894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 17:36
S93	358	S90 and (end tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 17:59
S94	169	S86 and (plunger piston) and reagent and (puncture pierce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 18:32
S95	158	S94 and sample and (end tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 18:32
S96	1	"6129894".pn.	USPAT	OR	ON	2007/03/07 16:02
S97	9	("3519364"   "3934586"   "4874385"   "5460611"   "5550061"   "5823954"   "5833669").PN. OR ("6129894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:02
S98	1	"5238649".pn. and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:01
S99	1	"5910122".pn. and "15"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 01:34
S100	5	"6488894"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 01:34
S101	3	("4707450" "5550061" "7098040").pn.	USPAT	OR	ON	2007/07/26 15:07
S102	2	S101 and dye	USPAT	OR	ON	2007/07/26 15:07



## EAST Search History

S10 3	1	"4770853".pn.	USPAT	OR	ON	2007/08/13 17:52
S10 4	2	"4770853".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/13 17:52
S10 5	79	("4770853").URPN.	USPAT	OR	ON	2007/08/13 17:52
S10 6	41	("20040030535"   "3640267"   "4039259"   "4112070"   "4150950"   "4213703"   "4353868"   "4409988"   "4586818"   "4604360"   "4653510"   "4685059"   "4707450"   "4730933"   "4755055"   "4770853"   "4813432"   "4978504"   "5043141"   "5086233"   "5100028"   "5108175"   "5139745"   "5238649"   "5266266"   "5558986"   "5624810"   "5624815"   "5783399"   "5827675"   "5905029"   "5916802"   "5917592"   "5918259"   "5919647"   "5962247"   "5965453"   "6043047"   "6055050"   "6180395"   "6218176").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 18:27
S10 7	1	"4707450".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 18:27
S10 8	63	("4707450").URPN.	USPAT	OR	ON	2007/08/13 18:28
S10 9	2	"20070148782".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 17:30
S11 0	73	pawliszyn.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 17:30
S11 1	32	S110 and (indicat\$3 dye)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 17:31

## EAST Search History

S11 2	3	S110 and (dye)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 17:34
S11 3	5	S110 and (indicator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 18:36
S11 4	8	("4999164" "6482362" "5876918" "5833927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 18:37
S11 5	3	S114 and (indicator dye)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 22:43
S11 6	8	("4999164" "6482362" "5876918" "5833927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 22:43
S11 7	3	S116 and (indicator dye)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 22:43
S11 8	3	S117 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 23:04
S11 9	2	"6524530".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 23:05

## EAST Search History

S12 0	0	S119 and puncture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/14 23:13
S12 1	90	sample and laboratory and (reagent with puncture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/15 15:59
S12 2	47147	(taken adj together) and formula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/15 15:59
S12 3	8	("4999164" "6482362" "5876918" "5833927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 17:47
S12 4	8	("4999164" "6482362" "5876918" "5833927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 21:22
S12 5	4	S124 and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 21:46
S12 6	6	S124 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 21:50
S12 7	394	(filter with tip) same pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 21:51

## EAST Search History

S12 8	284	S127 and indicat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/21 21:54
S12 9	87	S127 and indicator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:22
S13 0	2	"6214565".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:22
S13 1	12	("6214565").URPN.	USPAT	OR	ON	2007/08/22 15:23
S13 2	11	S131 and (transition or conformation)	USPAT	OR	ON	2007/08/22 16:12
S13 3	9	S131 and ((bind or interact\$4) with (fold or transition))	USPAT	OR	ON	2007/08/22 22:24
S13 4	12	("6214565").URPN.	USPAT	OR	ON	2007/08/22 22:24
S13 5	9	S134 and synthetic	USPAT	OR	ON	2007/08/22 22:24
S13 6	1	S135 and "133"	USPAT	OR	ON	2007/08/22 22:27
S13 7	9	S134 and ((bind or interact\$4) with (fold or transition))	USPAT	OR	ON	2007/08/22 22:27
S13 8	7	S135 and S137	USPAT	OR	ON	2007/08/22 22:51
S13 9	107834	"7" and hydrophobic	USPAT	OR	ON	2007/08/22 22:52
S14 0	0	S138 and hydrophobic	USPAT	OR	ON	2007/08/22 23:28
S14 1	4	S134 and hydrophobic	USPAT	OR	ON	2007/08/22 23:28